STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/510,015_
Source: _IFWP_
Date Processed by STIC: _8/9/06_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO **REDUCE** ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
       http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>** , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**
   U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED   SUGGESTED CORRECTION   SERIAL NUMBER: *10/510, 015*

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1____Wrapped Nucleics   The number/text at the end of each line "wrapped" down to the next line. This may occur if your file
     Wrapped Aminos   was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will
                         prevent "wrapping."

2____Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.

3____Misaligned Amino   The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers;
     Numbering   use **space characters**, instead.

4____Non-ASCII   The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please
                         ensure your subsequent submission is saved in ASCII text.**

5____Variable Length   Sequence(s)____contain n's or Xaa's representing more than one residue. **Per Sequence Rules,
                         each n or Xaa can only represent a single residue.** Please present the **maximum** number of each
                         residue having variable length and indicate in the <220>-<223> section that some may be missing.

6____PatentIn 2.0   A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
     "bug"   sequences(s) _____. Normally, PatentIn would automatically generate this section from the
                         previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to
                         the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for
                         Artificial or Unknown sequences.**

7____Skipped Sequences   Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence:
     (OLD RULES)   (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
                         (i)   SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
                         (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
                         This sequence is intentionally skipped
                         Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.

8____Skipped Sequences   Sequence(s) _____ missing. If **intentional**, please insert the following lines for **each** skipped sequence.
     (NEW RULES)   <210> sequence id number
                         <400> sequence id number
                         000

9____Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
     (NEW RULES)   Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
                         In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.

10____Invalid <213>   Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or
      Response   scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or
                         is Artificial Sequence. (see item 11 below)

11____Use of <220>   Sequence(s) ___ missing the <220> "Feature" and associated numeric identifiers and responses. Use
                         of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown."
                         Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as
                         explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of
                         Sequence Rules

12____PatentIn 2.0   Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,
      "bug"   resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence
                         listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13____Misuse of n/Xaa   "n" can **only** represent a single <u>nucleotide</u>; "Xaa" can **only** represent a single <u>amino acid</u>

AMC – STIC Systems Branch – 03/02/06

IFWP

RAW SEQUENCE LISTING   DATE: 08/09/2006
PATENT APPLICATION: US/10/510,015   TIME: 09:45:54

Input Set : **F:\ARS-102.SeqList.txt**
Output Set: **N:\CRF4\08092006\J510015.raw**

```
    5 <110> APPLICANT: Applied Reasearch Systems ARS holding
    9 <120> TITLE OF INVENTION: NOVEL OX40R BINDING AGENTS
   13 <130> FILE REFERENCE: WO498
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/510,015
C--> 17 <141> CURRENT FILING DATE: 2004-09-30
   17 <160> NUMBER OF SEQ ID NOS: 15
   21 <170> SOFTWARE: PatentIn version 3.0
   25 <210> SEQ ID NO: 1
   27 <211> LENGTH: 183
   29 <212> TYPE: PRT
   31 <213> ORGANISM: Homo sapiens
   35 <400> SEQUENCE: 1
   37 Met Glu Arg Val Gln Pro Leu Glu Glu Asn Val Gly Asn Ala Ala Arg
   38 1               5                   10                  15
   40 Pro Arg Phe Glu Arg Asn Lys Leu Leu Leu Val Ala Ser Val Ile Gln
   41             20                  25                  30
   43 Gly Leu Gly Leu Leu Leu Cys Phe Thr Tyr Ile Cys Leu His Phe Ser
   44         35                  40                  45
   46 Ala Leu Gln Val Ser His Arg Tyr Pro Arg Ile Gln Ser Ile Lys Val
   47     50                  55                  60
   49 Gln Phe Thr Glu Tyr Lys Lys Glu Lys Gly Phe Ile Leu Thr Ser Gln
   50 65                  70                  75                  80
   52 Lys Glu Asp Glu Ile Met Lys Val Gln Asn Asn Ser Val Ile Ile Asn
   53             85                  90                  95
   55 Cys Asp Gly Phe Tyr Leu Ile Ser Leu Lys Gly Tyr Phe Ser Gln Glu
   56             100                 105                 110
   58 Val Asn Ile Ser Leu His Tyr Gln Lys Asp Glu Glu Pro Leu Phe Gln
   59             115                 120                 125
   61 Leu Lys Lys Val Arg Ser Val Asn Ser Leu Met Val Ala Ser Leu Thr
   62     130                 135                 140
   64 Tyr Lys Asp Lys Val Tyr Leu Asn Val Thr Thr Asp Asn Thr Ser Leu
   65 145                 150                 155                 160
   67 Asp Asp Phe His Val Asn Gly Gly Glu Leu Ile Leu Ile His Gln Asn
   68             165                 170                 175
   70 Pro Gly Glu Phe Cys Val Leu
   71             180
   73 <210> SEQ ID NO: 2
   75 <211> LENGTH: 31
   77 <212> TYPE: PRT
   79 <213> ORGANISM: synthetic construct
   83 <400> SEQUENCE: 2
   85 Val Ala Ser Leu Thr Tyr Lys Asp Lys Val Tyr Leu Asn Val Thr Thr
   86 1               5                   10                  15
```

Does Not Comply
Corrected Diskette Needed

pp 1-4

invalid response- see item 10 on Error Summary Sheet

RAW SEQUENCE LISTING   DATE: 08/09/2006
PATENT APPLICATION: US/10/510,015   TIME: 09:45:54

Input Set : **F:\ARS-102.SeqList.txt**
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88 Asp Asn Thr Ser Leu Asp Asp Phe His Val Asn Gly Gly Glu Leu
89   20   25   30
91 <210> SEQ ID NO: 3
93 <211> LENGTH: 24
95 <212> TYPE: PRT
97 <213> ORGANISM: synthetic construct   *same error*
101 <400> SEQUENCE: 3
103 Leu Asp Asp Phe His Val Asn Gly Gly Glu Leu Ile Leu Ile His Gln
104 1   5   10   15
106 Asn Pro Gly Glu Phe Cys Val Leu
107   20
109 <210> SEQ ID NO: 4
111 <211> LENGTH: 29
113 <212> TYPE: PRT
115 <213> ORGANISM: synthetic construct
119 <400> SEQUENCE: 4
121 Val Ser His Arg Tyr Pro Arg Ile Gln Ser Ile Lys Val Gln Phe Thr
122 1   5   10   15
124 Glu Tyr Lys Lys Glu Lys Gly Phe Ile Leu Thr Ser Gln
125   20   25
127 <210> SEQ ID NO: 5
129 <211> LENGTH: 31
131 <212> TYPE: PRT
133 <213> ORGANISM: synthetic construct
137 <400> SEQUENCE: 5
139 Glu Lys Gly Phe Ile Leu Thr Ser Gln Lys Glu Asp Glu Ile Met Lys
140 1   5   10   15
142 Val Gln Asn Asn Ser Val Ile Ile Asn Cys Asp Gly Phe Tyr Leu
143   20   25   30
145 <210> SEQ ID NO: 6
147 <211> LENGTH: 31
149 <212> TYPE: PRT
151 <213> ORGANISM: synthetic construct
155 <400> SEQUENCE: 6
157 Ile Ile Asn Cys Asp Gly Phe Tyr Leu Ile Ser Leu Lys Gly Tyr Phe
158 1   5   10   15
160 Ser Gln Glu Val Asn Ile Ser Leu His Tyr Gln Lys Asp Glu Glu
161   20   25   30
163 <210> SEQ ID NO: 7
165 <211> LENGTH: 30
167 <212> TYPE: PRT
169 <213> ORGANISM: synthetic construct
173 <400> SEQUENCE: 7
175 His Tyr Gln Lys Asp Glu Glu Pro Leu Phe Gln Leu Lys Lys Arg Ser
176 1   5   10   15
178 Val Asn Ser Leu Met Val Ala Ser Leu Thr Tyr Lys Asp Lys
179   20   25   30
181 <210> SEQ ID NO: 8
183 <211> LENGTH: 10

RAW SEQUENCE LISTING   DATE: 08/09/2006
PATENT APPLICATION: US/10/510,015   TIME: 09:45:54

Input Set : F:\ARS-102.SeqList.txt
Output Set: N:\CRF4\08092006\J510015.raw

```
185 <212> TYPE: PRT
187 <213> ORGANISM: synthetic construct
191 <400> SEQUENCE: 8
193 Gly Tyr Phe Ser Gln Glu Val Asn Ile Ser
194 1               5                   10
196 <210> SEQ ID NO: 9
198 <211> LENGTH: 10
200 <212> TYPE: PRT
202 <213> ORGANISM: synthetic construct
206 <400> SEQUENCE: 9
208 Ile Ser Leu His Tyr Gln Lys Asp Glu Glu
209 1               5                   10
211 <210> SEQ ID NO: 10
213 <211> LENGTH: 10
215 <212> TYPE: PRT
217 <213> ORGANISM: synthetic construct
221 <400> SEQUENCE: 10
223 Gly Phe Tyr Leu Ile Ser Leu Lys Gly Tyr
224 1               5                   10
226 <210> SEQ ID NO: 11
228 <211> LENGTH: 10
230 <212> TYPE: PRT
232 <213> ORGANISM: synthetic construct
236 <400> SEQUENCE: 11
238 Gln Glu Val Asn Ile Ser Leu His Tyr Gln
239 1               5                   10
241 <210> SEQ ID NO: 12
243 <211> LENGTH: 10
245 <212> TYPE: PRT
247 <213> ORGANISM: synthetic construct
251 <400> SEQUENCE: 12
253 Ile Ile Asn Cys Asp Gly Phe Tyr Leu Ile
254 1               5                   10
256 <210> SEQ ID NO: 13
258 <211> LENGTH: 5
260 <212> TYPE: PRT
262 <213> ORGANISM: synthetic construct
266 <400> SEQUENCE: 13
268 Gly Tyr Phe Ser Gln
269 1               5
271 <210> SEQ ID NO: 14
273 <211> LENGTH: 18
275 <212> TYPE: PRT
277 <213> ORGANISM: synthetic construct
281 <400> SEQUENCE: 14
283 Leu Lys Gly Ser Phe Phe Gln Glu Val Lys Ile Asp Leu His Phe Arg
284 1               5                   10                  15
286 Glu Asp
289 <210> SEQ ID NO: 15
```

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/10/510,015**

DATE: 08/09/2006
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Input Set : **F:\ARS-102.SeqList.txt**
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```
291 <211> LENGTH: 18
293 <212> TYPE: PRT
295 <213> ORGANISM: synthetic construct
299 <400> SEQUENCE: 15
301 Ala Phe Lys Asp Lys Val Tyr Leu Thr Val Asn Ala Pro Asp Thr Leu
302 1               5               10              15
304 Cys Glu
```

VERIFICATION SUMMARY   DATE: 08/09/2006
PATENT APPLICATION: **US/10/510,015**   TIME: 09:45:55

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L:17 M:270 C: Current Application Number differs, Replaced Current Application No
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date